

Work Order ID 147294

Wednesday, June 08, 2016 2:47:19 PM

147294

Beel July 4

Page 1

Item ID: D4617-045 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Clamp Assembly
 Start Date: 6/16/2016 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 6/21/2016 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: JUN 09 2016 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4617	B ✓								
100	Pick Kit	0.00							
100									
Packaging	Memo	0.00							
Packaging									
110		0.00							
110									
Small Fab	Memo	0.08							
Small Fab	ASSEMBLE AS PER DWG								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.01							
Quality Control									

JUN 28 2016

DAS
8
9-89

4 FF JUN 29 2016

DAS
38
9-89

JUN 29 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Work Order ID 147294

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147294

Page 2

Item ID: D4617-045

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Clamp Assembly

Start Date: 6/16/2016 Start Qty: 4.00

4

Cust Item ID:

Required Date: 6/21/2016 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location <i>5/113</i>	0.00				<i>4</i>	<i>DAS</i>		
130							<i>6</i>		
Packaging	Memo	0.01					<i>9-89</i>		
Packaging									<i>JUL 04 2016</i>
140	QC21- Final Inspection - Work Order Release	0.00							
140									<i>16/7/4</i>
QC	Memo	0.07							
Quality Control									

DAS
21
9-89

JUL 04 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval				
Description Work Order Deviation				Disposition				Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			
Root Cause				FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER : _____											

Picklist Print

Wednesday, June 08, 2016 2:47:23 PM

Page 1

Work Order ID: 147294

147294

Parent Item: D4617-045

D4617-045

Parent Item Name: Clamp Assembly

Start Date: 6/16/2016

Required Date: 6/21/2016

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 12.04.13 NEW ISSUE DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status																											
D4617-5		Manufactured	No			100	Each	0.0000	1	4																														
										**	147674		DAS 6 9-89																											
D4617-5																																								
Clamp Body																																								
D4617-7		Manufactured	No			100	Each	0.0000	1	4																														
										**	147309		DAS 6 9-89																											
D4617-7																																								
Clamp Half																																								
AN4-14A		Purchased	No			100	Each	413.0000	3	12																														
										**			DAS 6 9-89																											
AN4-14A																																								
Bolt																																								
<table><tr><th>Location</th><th>Loc Qty</th><th>Loc Code</th></tr><tr><td>FG</td><td>5</td><td></td></tr><tr><td>122141</td><td>5</td><td></td></tr><tr><td>over003</td><td>250</td><td></td></tr><tr><td>M134754</td><td>100</td><td></td></tr><tr><td>M134943</td><td>150</td><td></td></tr><tr><td>ST344</td><td>158</td><td></td></tr><tr><td>M134508</td><td>8</td><td></td></tr><tr><td>M134573</td><td>150</td><td></td></tr></table>														Location	Loc Qty	Loc Code	FG	5		122141	5		over003	250		M134754	100		M134943	150		ST344	158		M134508	8		M134573	150	
Location	Loc Qty	Loc Code																																						
FG	5																																							
122141	5																																							
over003	250																																							
M134754	100																																							
M134943	150																																							
ST344	158																																							
M134508	8																																							
M134573	150																																							
AN960-416	NAS1149F0463P	Purchased	No				Each	0.0000		20																														
										**	127832		DAS 6 9-89																											
AN960-416																																								
Flat Washer Dia 1/4"																																								

JUN 29 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause				FAULT CATEGORY					
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : ☐							

Picklist Print

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Page 2

Work Order ID: 147294

Parent Item: D4617-045

Parent Item Name: Clamp Assembly

147294

D4617-045

Start Date: 6/16/2016

Required Date: 6/21/2016

Start Qty: 4.00

Required Qty: 4.00

MS21044N4

Purchased

No

100

Each

157.0000

3

12

MS21044N4

Nut, Self-Locking

Location

Loc Qty

Loc Code

OVER007

60

m134676

60

ST302

97

m126254

4

m133932

93

MS22034-4

Purchased

No

100

Each

24.0000

1

4

MS22034-4

Quick Disconnect Adapter

Location

Loc Qty

Loc Code

ST290

24

m134240

24

DAS
6
9-89

DAS
6
9-89

JUN 20 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
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							QC / QA Coordinator Approval		
Root Cause				FAULT CATEGORY					
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OTHER : ☐									